LIST OF ART CITED BY APPLICANT

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			_ U.S.	PATENT DOCUMENTS							
	EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	DATE			
Α	7RPS/	6,291,158	09/2001	Winter, et al.	435	6	08/21/1992				
В	1	6,667,035	12/2003	Von Eichel-Streiber, et a	l. 424	130.1	09/10/1998				
С		2007/0071763	03/2007	Burnie, et al.	424	167.1	04/14/2004				
D											
17.00			FOREIG	N PATENT DOCUMENTS							
	EXAMINER'S INSTIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Transla	tion			
Е		0 368 684	05/1990	Europe			YES				
F		0 376 851	07/1990	Europe			YES				
G		WO 91/09967	07/1991	PCT							
Н		WO 97/20932	06/1997	PCT							
I		WO 00/12562	03/2000	PCT							
J		WO 01/44300	06/2000	PCT							
K		WO 01/27279	04/2001	PCT							
L		WO 01/96599	12/2001	PCT							
М		WO 02/055559	07/2002	PCT							
N		WO 02/062379	08/2002	PCT							
0		WO 03/048321	06/2003	PCT							
Р		WO 03/052416	06/2006	PCT							
Q		WO 2004/ 094474	11/2004	PCT							
R											
	OTHE	P ART (Includ	ing Autho	r, Title, Date, Per	tinent P	nos Etc	\$ 18 M	1500			
S	- Citiz										
Т		Cez Chan, et al.,	International Search Report & Written Opinion, PCT/GB2005/002607, August 2005. Cez Chan, et al., "The Use of Antibodies in the Treatment of Infectious Diseases," Singapore Med. J. 2009; 50(7): 663.								
U		Carolyn Saylor, e	Carolyn Saylor, et al., "Monoclonal Antibody Therapies for Microbial Diseases,"								
v		Peter Delves, et	Vaccine 27S (2009) G38-G46. Peter Delves, et al., "Roitt's Essential Immunology," 11 th Ed., Chapter 5, pp. 87-88 (August 2006, Wiley-Blackwell)								
W				sing Panencephalitis," Pos	tGrad Med	J 2002: 78:	63-70				
				"Bacteriophage Lambda a				cal			
X		Reviews, Decem	ber 1992, p	577-591.							
Υ		Herren Wu, et al., "Humanization of a Murine Monoclonal Antibody by Simultaneous Optimization of Framework and CDR Residues," <i>J. Mol. Biol.</i> (1999) 294, 151-162.									
z		D.A. Brummell, e Saturation-Mutag 1187, 1993.	D.A. Brummell, et al., "Probing the Combining Site of an Anti-Carbohydrate Antibody by Saturation-Mutagenesis: Role of the Heavy-Chain CDR3 Residues," <i>Biochemistry</i> 32:1180-								
AA		Pyrimidone Phot No. 10, pp. 897-8	Hiroyuki Kobayashi, et al. "Tryptophan H33 Plays an Important Role in Pyrimidine (6-4) Pyrimidone Photoproduct Binding by a High-Affinity Antibody," <i>Protein Engineering</i> , Vol. 12, No. 10, pp. 897-844, 1999.								
вв		Pocket," Proc. N	at'l, Acad. S	Vitro Scanning Saturation ci., USA, Vol. 94, pp. 412-4	17, Januar	/ 1997.	•	ing			
сс	\vee		"The Structu	ral Basis for DNA Binding			tibody,"				
EXA	INER	/Rodney P. Swa	tz, Ph.D./	DATE CONS	IDERED	04/21/2010)				
											

LIST OF ART CITED BY APPLICANT

ATTY. DOCKET NO. | SERIAL NO. | 87278.2760 | 10/553,152 | APPLICANT | BURNIE et al. | FILING DATE | GROUP | PAGE

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			U.S. PA	TENT DO	CUMENTS						
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A B						ļ					
В		5 / S - 15 - 15 - 15 - 15 - 15 - 15 - 15 -			0.51.0151.75						
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	INITIALS	PATENT NO.	DATE	CO	UNTRY	CLASS	SUBCLASS	Translation			
С						-					
D	34.				(in) 715		1				
500	_	R ART (Includ									
Е	/RPS/	Kurt Brorson, et al., "Mutational Analysis of Avidity and Fine Specificity of Anti-Lean Antibodies," <i>The Journal of Immunology</i> , Vol. 163, pp. 6694-6701, 1999.									
		Sandra J. Smith-Gill, et al., "Contributions of Immunoglobulin Heavy and Light Chains to									
F		Antibody Specificity for Lysozyme and Two Haptens," The Journal of Immunology, Vol. 139,									
		pp. 4135-4144, 1									
G		Sanjeev Kumar, et al., "Molecular Cloning and Expression of the Fabs of Human Autoantibodies in the Exsherichia coli," <i>Journal of Biological Chemistry</i> , Vol. 275, No. 45,									
G		pp. 35129-35136		a con, Joa	irrial or blologic	ai Cileiiii	511 y, VOI. 21	J, 140. 45,			
н		Mi-Kyung Song,	et al., "Light Cha	in of Natu	ral Antibody Pl	ays a Dor	ninant Role i	n Protein			
н		Antigen Binding,	" Biochemical &	Biophysic	al Research Co	mmunica	tions, 268:39	90-394, 2000.			
1		Patrick Dufner, e					r Antibody O	ptimisation,"			
		Trends in Biotec Mark X. Sliwkow					ım into Thiol	lago from			
J		Clostridium Kluv	veri " .lournal of	poranon a Riological	Chemistry Vol	260 No	5. pp. 3140	-3144 1985			
		Clostridium Kluyveri," <i>Journal of Biological Chemistry</i> , Vol. 260, No. 5, pp. 3140-3144, 1985. Klaus Winzer, et al., "Differential Regulation of Two Thiolase Genes from Clostridium									
K			logy & Bio	otechnology (2000) 2(4):							
		531-541.	! Di-ti	f:-:4: f	W/!!! /	4 4)	ncomple	te citatio			
M		Stedman's Medi				JC3 1-4)					
111	Stedman's Medical Dictionary definition of "Immunogen" (page 1) Wilson H. Burgess, et al., "Possible Dissociation of the Heparin-binding and Mitoger										
N	/RPS/ Activities of Heparin-binding (Acidic Fibroblast) Growth F						m its Recep	tor-binding			
14	11.0	Activities by Site-directed Mutagenesis of a Single Lysine Residue," J. Cell Biology, 111:2129-									
	 	2138 (1990)	at al "Clasica	4b = A = 4:b	adı Danasası	in Herman	a mith Indian				
		Mark P. Burgoon, et al., "Cloning the Antibody Response in Humans with Inflammatory Central Nervous System Disease: Analysis of the Expressed IgG Repertoire in Subacute									
0		Sclerosing Panencephalitis Brain Reveals Disease-Relevant Antibodies that Recognize									
		Specific Measles Virus Antigens," J. Immunol. 163(6):3496-3502 (1999).									
Р	Florence Casset, et al., "A Peptide Mimetic of an Anti-CD4 Monoclonal Antibody by Rational										
		Design," BBRC	307:198-205 (20	3).	:f O-f	0-4: 1	/FOF A-4:b-	du Caratal			
Q		Yvonne Chen, et al., "Selection and Analysis of an Optimized Anti-VEGF Antibody: Crystal Structure of an Affinity-matured Fab in Complex with Antigen," J. Mol. Biol. 293:865-881									
4		(1999).	minity materioe i	ub iii ooi	inpiex with a train	9011, 0. 11	G. D.G. 200				
R		P.M. Coleman, "			uence Change	s on Antib	ody-Antigen	Interactions,"			
		Res. in. Immunol. 145:33-36 (1994). Jeffrey R. Currier, et al., "Mitogens, Superantigens, and Nominal Antigens Elicit Distinctive									
S		Patterns of TCR	B CDR3 Diversit	y," Huma	n Immunol. 48:	39-51 (19:	96).				
Т	V	Angiola Desideri Fragments Deriv									
EXA	MINER	/Rodney P. S	Swartz, Ph.D./		DATE CONSI	DERED	04/21/2010)			

LIST OF ART CITED BY APPLICANT

(PTO-1449)

ATTY, DOCKET NO. 87278.2760	SERIAL 10/553,		
APPLICANT BURNIE et al.			
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			U.S.	PATENT DO	UMENTS						
	EXAMINER'S INITIALS	PATENT NO.	DATE	N	AME	CLASS	SUBCLASS	FILING DATE			
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WEST	OTHE	R ART (Includ	ing Autho	or, Title,	d Single Chair	Construc	ages, ELC				
E	/RPS/	Patrik Holm, et al., "Functional Mapping and Single Chain Construction of the Anti-Cytokera 8 Monoclonal Antibody TS1," Mol. Immunol. 44:1075-1084 (2007).									
		Lucy J. Holt, et a	al. "Domain	Antibodies: Pr	oteins for Ther	apy," Trei	nds in Biotec	hnology			
F		21(11):484-490	(2003).								
G		Elaine Lazar, et	al., "Transfo	rming Growth	Factor α: Muta	ation of As	partic Acid 4	7 and Leucine			
		48 Results in Dit	fferent Biolog	gical Activities,	Mol. Cell. Bio	ol. 8(3):12	47-1252 (198	38).			
		Craig M. Lewis, et al., "Use of a Novel Mutagenesis Strategy, Optimized Residue Substitution, to Decrease the Off-Rate of an Anti-gp120 Antibody," Mol. Immunol. 32(14/15):1065-1072									
н		(1995).	Oli-Rate of	an Anti-gp 120	Antibody, Wic	, mmand	n. 52(14/15).	1000-1072			
		Michael C. Lin. 6	et al. "Struct	ure-Function F	Relationships in	n Glucago	n: Properties	of Highly			
I		Michael C. Lin, et al., "Structure-Function Relationships in Glucagon: Properties of Highly Purified Des-His ¹ -, Monoiodo-, and [Des-Asn ²⁸ , Thr ²⁹] (homoserine lactone ²⁷)-glucagon,"									
		Biochem, USA 1	4:1559-1563	3 (1975)							
J		Xiaobo Nie, et a	I., "Immuniza	ation with Imm	une Complex	Alters the	Repertoire o	f Antigen-			
		Reactive B Cells	in the Gern	ninal Centers,"	Eur. J. Immur	101. 27(12)):3517-3525	(1997).			
K		David J. Panka, et al., "Variable Region Framework Differences Result in Decreased or Increased Affinity of Variant Anti-Digoxin Antibodies," PNAS USA 85:3080-3084 (1988).									
		Monica Rinaldi, et al., "Antibodies Elicited by Naked DNA Vaccination against the									
L		Complementary-determining Region 3 Hypervariable Region of Immunoglobulin Heavy Chain									
	1 1	Idiotypic Determinants of B-lymphoproliferative Disorders Specifically React with Patients'									
		Tumor Cells," Cancer Res. 61:1555-1568 (2001). M. Rinaldi, et al., "Strategies to Elicit Anti-Idiotypic Immune Response in B-Lymphoma									
М		Patients," Gene Therapy of Cancer edited by Walden et al. Plenum Press, New York, 323-330									
		(1998).									
N		Stuart Rudikoff, et al., "Single Amino Acid Substitution Altering Antigen-Binding Specificity,"									
		PNAS USA., 79(6):1979-1983 (1982). Gerald P. Schwartz, et al., "A Superactive Insulin: [B10-Aspartic Acid]insulin(human)," PNAS									
0		USA, 84:6408-6411 (1987).									
_	II	Wen et al., "In-Vivo Immune Response to Idiotypic VH Complementarity-determining Region 3									
Р		Peptide Vaccination in B-cell non-Hodgkin's Lymphoma," British J. Haematology 103:663-668									
		(1998).									
Q		Harry White, et	al., "Analysis	of Immunogl	bulin (lg) Isot	ype Divers	sity and IgM/	D Memory in			
		the Response to	Phenyl-Ox	azolone," J. E	p. Med. 191(1	2):2209-2	219 (2000).	Stine " Matheda			
R		Mary M. Bendig A Companion to	, "Humaniza	England	Wonocional A	ntibodies	by CDR Gra	rung, weurous.			
		Robert M. Mac	Callum et al	"Antihody-an	tigen Interaction	ons: Conta	act Analysis	and Binding			
S		Site Topograph									
Т	$\vdash \forall$	F-9-P-	,								
EV^	MINER	/Rodney P. Swa	artz Ph D /		DATE CONS	TDERED	04/21/2010				
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	EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE		
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			FOREIGN	PATENT DOCUMENTS					
	EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
C D									
						54-			
- 1	OTHE	Eolix E Vaidos	et al "Compreh	Title, Date, Pe	ne of the Anti	ges, Etc	Site of an		
E	/RPS/	Felix F. Vajdos, et al., "Comprehensive Functional Maps of the Antigen-binding Site of an Anti-ErbBZ Antibody Obtained with Shotgun Scanning Mutagenesis," <i>J. Mol. Biol.</i> 320:415-428 (2002).							
F	/RPS/	(2002). Roberto De Pascalis, et al., "Grafting of "Abbreviated" Complementarity-Determining Regions Containing Specificity-Determining Residues Essential for Ligand Contact to Engineer a Less Immunogenic Humanized Monoclonal Antibody," The Journal of Immunology 169:3076-3084 (2002).							
G	/RPS/		nesis of Acids a	hiolase from Clostridi nd Solvents," <i>Applied</i>					
н		1000, pp. 2717 1							
I			*****						
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